**Title: Integer Review**  
  
**Audience:** 7th grade mathematics students  
  
**Purpose:**  
**M7N1. Students will understand the meaning of positive and negative rational numbers and use them in computation.**

a. Find the absolute value of a number and understand it as the distance from

zero on a number line.

b. Compare and order rational numbers, including repeating decimals.

c. Add, subtract, multiply, and divide positive and negative rational numbers.

d. Solve problems using rational numbers.

**Learning Objectives/Outcomes:**  
Students will review and practice how to solve problems involving integers, as well as, comparing and ordering integers.

**Materials:** Resource kit: playing cards, number lines, operation integer game, work sheets, tile spacers, video and music files  
**Step-by-Step Procedure:**

* **Sponge (Do Now):** Students will find their name for their group assignment for the stations.
* **Activator:** Students will be given a brief description of each station. Students will break up into their stations.
* **Work Period:** Each station rotation will last for 25 minutes. This rotation will last for two days.

**Station 1:** Teacher station. The teacher will give a brief review of the integer rules and allow the students to complete a worksheet. The students will be allowed to use tile spacers to assist with problems. Once everyone has finished, they will review the answers as a whole.

**Station 2:** Playing cards. Students will be allowed to play integer war against each other. Students will also be allowed to practice problem solving by placing cards on math mat to form random problems

**Station 3:** Video/Music station. Students will watch the 4:00 long video about the integer rules. The students will then be given the opportunity to write their own song or script that describe the integer rules.

**Station 4:** Operation Integer: Students will be able to play board game to practice their skills.

* **Closing:** Students will reflect on each activity and give five words to describe what they learned.